

# PROJECT 10073 RECORD CARD

1. DATE <u>17 Aug 59</u>	2. LOCATION E. of N. Carolina NE of West Indies		12. CONCLUSIONS <input type="checkbox"/> Was Balloon <input type="checkbox"/> Probably Balloon <input type="checkbox"/> Possibly Balloon  <input type="checkbox"/> Was Aircraft <input type="checkbox"/> Probably Aircraft <input type="checkbox"/> Possibly Aircraft  <input type="checkbox"/> Was Astronomical <input type="checkbox"/> Probably Astronomical <input type="checkbox"/> Possibly Astronomical
3. DATE-TIME GROUP Local _____ GMT <u>17/0921Z, 17/0917Z</u>	4. TYPE OF OBSERVATION <input type="checkbox"/> Ground-Visual <input type="checkbox"/> Ground-Radar <input checked="" type="checkbox"/> Air-Visual <input type="checkbox"/> Air-Intercept Radar		<input checked="" type="checkbox"/> Other <u>NASA Rocket</u> <input type="checkbox"/> Insufficient Data for Evaluation <input type="checkbox"/> Unknown
5. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. SOURCE <u>Pan American Pilot</u>		
7. LENGTH OF OBSERVATION <u>20 mins</u> <u>30 mins 0921Z</u>	8. NUMBER OF OBJECTS <u>1</u>	9. COURSE <u>NE</u>	
10. BRIEF SUMMARY OF SIGHTING Obj shape of rocket, size of pencil, white w/pink cloud. Bright glow, conical in shape. White, then green, then orange glow.		11. COMMENTS Possibility exists that obj sighted was a research rocket launched fm Wallops Island near Va. This rocket emitted a 100 mile sodium vapor trail at 50 miles alt.	

NNNNRA012

ZCSQAS25ZCWAYA868

RR RJEDSQ

DE RJWFAL 166 1959 AUG 25 00 00 291 8

R 242225Z

FM CINCNORAD

TO COMDR AIR TECHNICAL INTELLIGENCE CEN

BT

THIS IS PASSED TO YOUR FOR YOUR INFORMATION AND NECESSARY ACTION  
BRIGHT GLOW CONICAL IN SHAPE SIGHTED IN SKY BEARING 267 THRU ELEVATION  
31 DEGREES AT 172917Z X BRIGHT WHITE THENCE GREEN THENCE ORANGE GLOW  
REMANED APPROX 20 MIN X MY POSIT 3752N 7657W X BAROMETER 30.24 X  
TEMP 80

↑  
EAST OF N. CAROLINA

BT

24/2330Z AUG RJWFAL

1959 AUG 25

1-4E49  
2-4-2020  
3-4-2020  
05  
Atic



## Research

### Rocket Fired

17 AUG 59 DAILY NEWS  
WASHINGTON, Aug. 17—(AP)—

The United States launched the first in a series of new Nike research rockets today. It left a yellow-orange cloud that was visible over much of the eastern seaboard.

The rocket was fired from the National Aeronautics and Space Administration station at Wallops island on Virginia's eastern shore and emitted a 100-mile sodium vapor trail beginning at an altitude of about 50 miles. It was topped by the large cloud that was yellow-orange in color.

Purpose of the test was:

**ONE**—To determine wind direction and velocity over the wide range covered by the trail and cloud.

**TWO**—To measure diffusion or the rate at which matter spreads out in the upper atmosphere.

The yellow color of the giant flare is characteristic of burning sodium. It was set off by a thermite device when the rocket reached an altitude of about 50 miles.

The glowing color was maintained in part by light from the rising sun striking the vapor cloud.



DEPARTMENT OF THE AIR FORCE  
STAFF MESSAGE DIVISION  
UNCLASSIFIED MESSAGE  
INCOMING

17 Aug 59

SMDA049

CKHQD822ZCYJD607

OO RJEZHQ

DE RJEDSJ 13

O 171500Z

FM 2500 AB WING MITCHEL AFB NY

TO RJWFAL/ADC

RJEZSN/26 AIR DIV

RJEDSQ/AIR TECH INTEL CTR

RJEZHQ/ACS INTELLIGENCE HQ USAF

RJEZHQ/OISHQ USAF

BT

UFO UNCLASSIFIED FROM BASE OPS SS-O 148-08 PD FOLLOWING INFORMATION

FURNISHED IN ACCORDANCE WITH AFR 200-2 5 FEB 58 ON UFOB RECEIVED

A. (1) ROCKET

(2) PENCIL

(3) WHITE

(4) ONE

(5) N/A

(6) NONE

(7) PINK CLOUD

(8) NONE

AF IN : 15559 (17 Aug 59) Page 1 of 3 pages

*File*  
*OK*  
*Field*



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PAGE TWO RJEDSJ 13

(9) NONE

B. (1) PILOTS REPORT

(2) UNKNOWN

(3) DISAPEARED IN THE NE

(4) SW TO NE 28 PER CENT 40° N 69 PERCENT W

(5) DISAPPEARED TO THE NORTH

(6) 30 SECONDS

C. (1) AIR TO AIR

(2) NONE

(3) PAN AMERICAN FLIGHT 302 PANAMA TO IDELWILD

D. (1) 170921Z

(2) DAY

E. 28 PERCENT 40N 69 PERCENT W

F. (1) PAN AMERICAN PILOT IDELWILD

(2) N/A

G. (1) PARTLY CLOUDY SCATTERED CLOUDS 2500TOPS 8000 VISIBILITY GOOD

(2) WINDS LIGHT VARIABLE AT ALL ELEVATIONS

(3) UNLIMITED

(4) TEN PLUS

(5) 3/8

AF IN : 15559 (17 Aug 59) Page 2 of 3 pages



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PAGE THREE RJEDSJ 13

(6) NONE

H. NONE

I. NONE

J ABOVE FLIGHT

K. NONW

L NONE

BT

17/1503Z AUG RJEDSJ

NOTE : Advance copy delivered to CIN

ACTION: CIN

INFO : OOP, SAFS

AF IN : 15559 (17 Aug 59) Page 3 of 3 pages

W/jess